PERIODIC CHECK SECTION

Contents

1. PERIODIC CHECK LIST

The following table shows the items of the periodic check for the unit.
When the parts are replaced, refer to 'PARTS REPLACEMENT SECTION' of this manual.

Table 1-1 Periodic Check List

No.	Item	Tools	Frequency of Periodic Check	Check Time	Reference Page
1	Cleaning the subsystem	• Vacuum cleaner	Once per year	10 min. per Unit.	PERIOD02-10
2	Check of battery		Once per year	10 min. per Unit.	PERIOD03-10 to PERIOD03-20
3	Replacement of battery	• Philips screwdriver	Once per 3 years	11 min. per battery.	PERIOD03-30

2. Cleaning the subsystem

To clear the subsystem, check whether or not air vents are clogged by dust. If they are clogged, remove the dust with a vacuum cleaner or wipe the dust out from it with a dry cloth.

3. Check and Replacement of Battery

3.1 Type and Backup Duration Time of battery

The Basic Rack has the batteries shown in Fig. 3.1-1. The Backup duration time of battery is shown in Table 3.1-1.

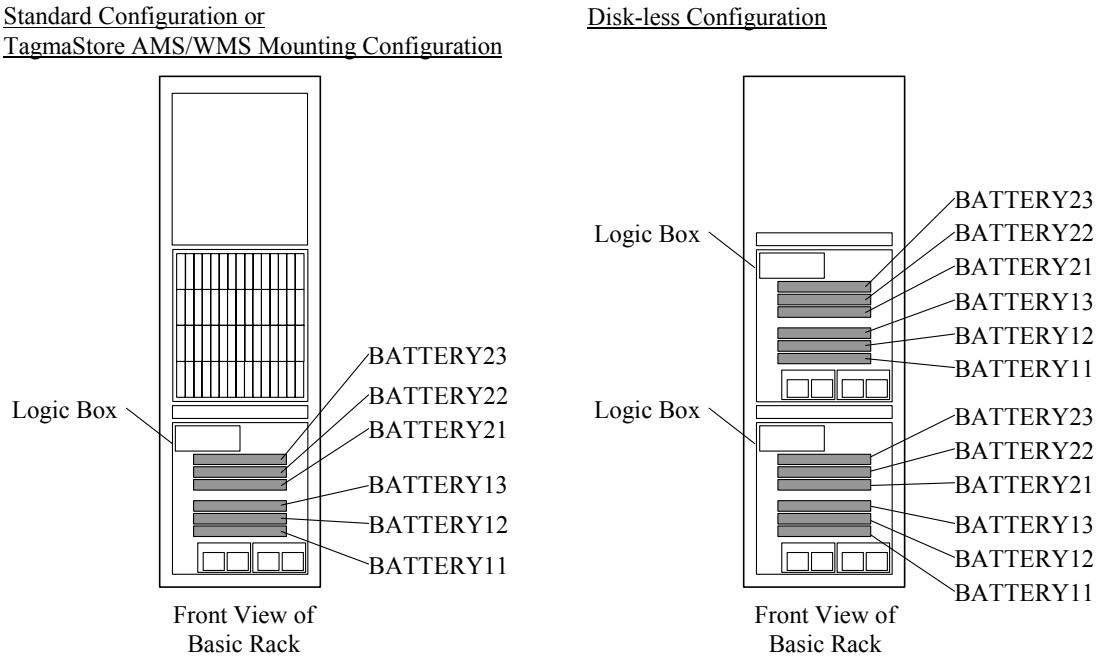


Fig. 3.1-1 Battery Location

Table 3.1-1 Battery Backup Duration Time

No.	Memory to be back up	Maximum backup duration time
1	Shared Memory/Cache Memory	36 Hours (1.5 days)

3.2 Inspecting Battery

(1) Periodic inspection of the battery

Inspect the batteries installed in the subsystem on the following matters once a year.

① Check if no SIM concerning the battery has been issued.

② Check if no trouble such as liquid leakage is observed in the external appearance.

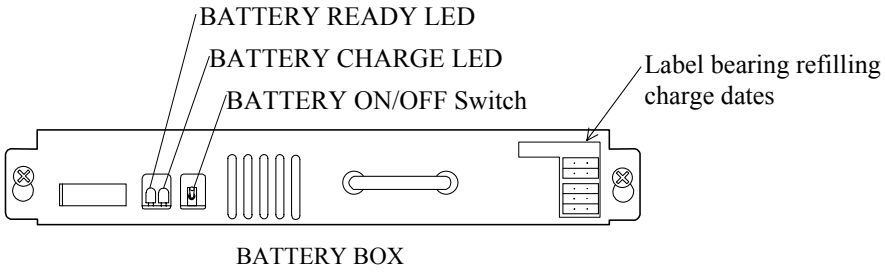
③ Check if the working days of the battery is within the service life of the battery shown in the table below referring to the maintenance history and production date shown in the label affixed on the battery.

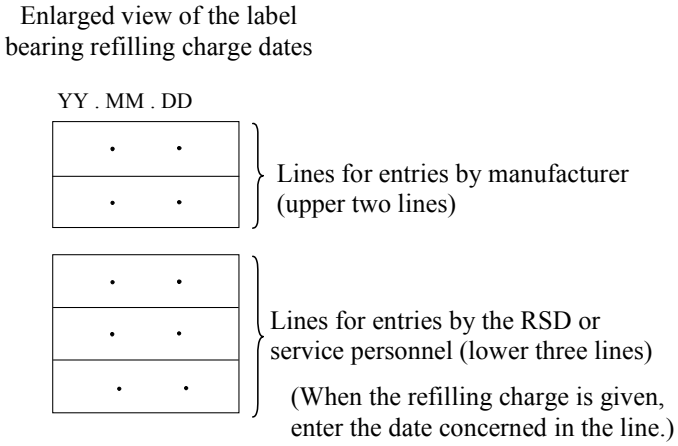
Table 3.2-1 Battery Specifications

No.	Battery type	Service life
1	Battery Box	3 years

3.3 Replacing the battery

(1) Inspection of battery being stored (Batteries installed in the stored Rack are included)
Allowable storage period and specifications for refilling charge of batteries stored as maintenance parts are shown in the following table.





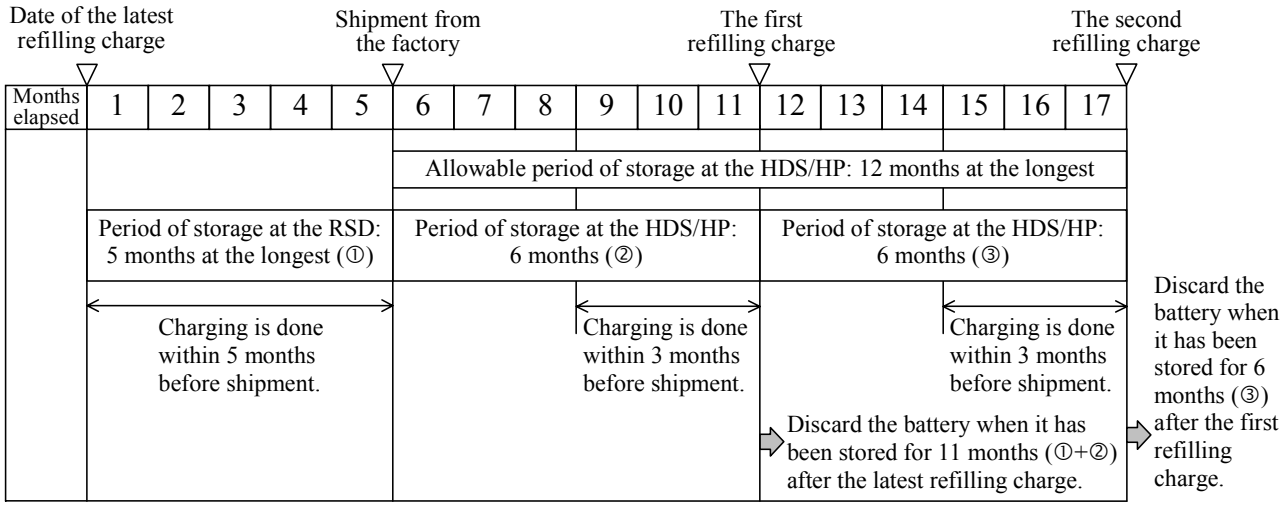


Fig.3.3-1 Storage Period and Refilling Charge Specifications for Spare Batteries

Table 3.3-1 Specifications for Spare Batteries

No.	Allowable storage period	Allowable times of refilling charges	Time when refilling charge is to be done	Method of refilling charge
1	Six months (when stored at 25°C or lower)	Two times	Refer to Fig. 3.3-1.	Mount the battery in the Basic Rack and apply power to it for longer than 24 hours.

*1: When the refilling charge is done, update the production date of the battery written on the label to the date when the refilling charge is done.

Table 3.3-2 Function of Other Switches and LEDs

No.	Parts Name	Class	Function
1	BATTERY READY LED	LED (Green)	Indicates that the BATTERY is powered on. If the LED go out after the powering on, replace the Battery Box.
2	BATTERY CHARGE LED	LED (Amber)	This LED shows the state of BATTERY. Lighting ---------- The battery charge is completed. Blinking ---------- The battery is charging. After the power is turned on, the Battery Box is started to be charged and the LED blinks. Though the LED becomes kept on after the charge is completed, it repeats the operation that indicates the refilling charge (blink) and completion of the refilling charge (being kept on) after that.
3	BATTERY ON/OFF	Switch	Used to power on/off the BATTERY.

(2) The battery must be replaced before the service life shown in Table 3.2-1. For the replacement procedure, refer to the Replacement Section (Work ID RT10 on page REP01-290).
When the replacement is completed, set the warning SIM concerning the battery that demands the next periodic replacement following the directions given on page SVP02-1200 in the SVP Section.

(3) When re-installing the Rack, replace all the batteries.

CAUTION

The Battery (Battery Box) is an industrial waste. Dispose of it following the directions given by the manufacturer.